

**MONOMETALLIC AZO COMPLEXES OF LATE TRANSITION
METALS FOR THE POLYMERIZATION OF OLEFINS**

ABSTRACT OF THE DISCLOSURE

The present invention relates to compounds of transition metals with azo ligands, a process for their production, the use of these compounds as catalysts, a process for olefin (co)polymerization using these compounds, reaction products of these compounds with co-catalysts, the olefin (co)polymer, the use of these olefin (co)polymers for the production of molded parts, as well as molded parts that are produced from the olefin (co)polymers.